

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	411	(516/98).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/17 13:54
L2	70	1 and hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 13:54
L3	4444	hydrogel.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 13:59
L4	398	3 and method.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 13:57
L5	27	(((swell swelling absorbtion absorption) near2 rate) near2 (greater larger increased increasing)) same hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 13:55
L6	0	L5 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 13:55
L7	1	"60512866"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 13:59
L8	4189	(424/484-488).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/17 13:59
L9	932	hydrogel and 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 13:59

15 3/17/06

## EAST Search History

L10	13	9 and intervertebral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 13:59
L18	2	("6,271,278").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/17 14:21
L19	15	(US-20040143333-\$ or US-20030232895-\$ or US-20010046518-\$ or US-20020082699-\$ or US-20010032019-\$).did. or (US-6402784-\$ or US-5159360-\$ or US-6280475-\$ or US-4337327-\$ or US-6264695-\$ or US-5876741-\$ or US-6268161-\$ or US-6271278-\$ or US-6783546-\$).did. or (WO-2076336-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2006/03/17 14:22
L20	13	19 and (intervertebral prosthetic prosthesis implant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 14:26
L21	784	(superabsorbent Superporous) adj hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 14:26
L22	23	21 and (intervertebral prosthetic prosthesis implant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 14:26
S1	2	("20040143333").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 17:31
S2	25	hypan with hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/16 18:07

## EAST Search History

S3	1	hypan with ph	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 18:03
S4	1	hypan with alkaline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 17:25
S5	1	hypan same intervertebral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 17:27
S6	2	hypan and intervertebral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/16 18:08
S7	8	hypan same ph	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 17:28
S8	1	2004-480319.NRAN.	DERWENT	OR	OFF	2006/02/01 17:30
S9	5	"2002076336"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 17:33
S10	2	"20020076336"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 17:33
S11	54	keroplast.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 17:34
S12	35	S11 and ph	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 17:34

## EAST Search History

S13	103918	(poly adj acrylamide) ((poly near vinyl) near pyrrolidone) polyacrylate (poly adj (vinyl adj alcohol)) (poly adj (ethylene adj oxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 17:45
S14	2860	S13 same hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 18:23
S15	45	S14 same alkaline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 17:45
S16	0	S15 and intervertebral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 18:04
S17	180	S14 same ph	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 17:45
S18	10	S17 and intervertebral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 17:53
S19	2	("6280475").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 17:48
S20	30	("3607848"   "3867728"   "3875595"   "4309777"   "4331783"   "4337327"   "4349921"   "4369294"   "4370451"   "4379874"   "4420589"   "4631188"   "4663358"   "4714469"   "4772287"   "4863477"   "4904260"   "4911718"   "5047055"   "5171280"   "5192232"   "5192326"   "5258043"   "5314478"   "5458634"   "5534028"   "5578086"   "5645592"   "5716416"   "5855619").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 17:50

## EAST Search History

S21	0	hypan and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 17:49
S22	19	(("4337327") or ("4370451") or ("4331783") or ("4369294") or ("4420589") or ("4379874") or ("4631188")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 17:52
S23	0	S22 and alkaline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 17:58
S24	4	S22 and ph	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 17:52
S25	21	("4337327").URPN.	USPAT	OR	OFF	2006/02/01 17:53
S26	3	S25 and intervertebral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 17:54
S27	2	hypan and intervertebral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 17:54
S28	0	S22 and ((swell swelling swelled) same rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 17:59
S29	7	S22 and (swell swelling swelled)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 17:59
S30	0	hypan with naoh	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 18:03

## EAST Search History

S31	4	hypan same naoh	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 18:03
S32	202	S13 and intervertebral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 18:04
S33	732	S13 same naoh	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 18:04
S34	0	S33 and intervertebral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 18:05
S35	411	hydrogel same naoh	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 18:09
S36	125	hydrogel with naoh	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 18:05
S37	1	S36 and intervertebral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 18:05
S38	587	hydrogel with alkaline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 18:05
S39	2	S38 and intervertebral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 18:05
S40	714	hydrogel and intervertebral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 18:10

## EAST Search History

S41	1	S40 and (swelling adj rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 18:09
S42	3	(swelling adj rate) and intervertebral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 18:22
S43	38	(swelling adj rate) with hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 18:10
S44	22	S43 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 18:18
S45	6	("5159360" "5788687" "0082699" ).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 18:26
S46	14	(hydrolysis with rate) and intervertebral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 18:22
S47	2	S46 and hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 18:23
S48	6	("5159360" "5788687" "20020082 699").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/01 18:26
S49	2	("5159360").URPN.	USPAT	OR	OFF	2006/02/01 18:27
S50	353	cations with hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/16 18:07

## EAST Search History

S51	11	S50 and intervertebral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/16 18:10
S52	124	S50 and (intervertebral prosthetic prosthesis implant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 18:27
S53	107	S52 and ph	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 18:14
S54	5	((swell swelling absorbtion) near rate) and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 18:15
S55	1	S52 and ((high higher) near ph)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 18:27
S56	105	((swell swelling absorbtion) near rate) same hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 18:15
S57	16	S56 and ((high higher) near ph)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 18:15
S58	14043	(acid acidic) with hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 18:27
S59	90	S58 same ((high higher) near ph)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 18:27
S60	11	S59 and (intervertebral prosthetic prosthesis implant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 11:01

## EAST Search History

S61	40	raymedica.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 18:30
S62	23	S61 and hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 18:31
S63	2	S62 and ph	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 18:30
S64	5	("2002076336").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/16 18:35
S65	5	"2002076336"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/16 18:32
S66	4	"02076336"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/16 18:32
S67	30	(zucherman and hsu and yerby).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/16 18:36
S68	26	S56 and (intervertebral prosthetic prosthesis implant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 14:22

## EAST Search History

S69	14	(US-20040143333-\$ or US-20030232895-\$ or US-20010046518-\$ or US-20020082699-\$ or US-20010032019-\$).did. or (US-6402784-\$ or US-5159360-\$ or US-6280475-\$ or US-4337327-\$ or US-6264695-\$ or US-5876741-\$ or US-6268161-\$ or US-6271278-\$).did. or (WO-2076336-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2006/03/17 11:09
S70	4	S69 and cation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 10:49
S71	46	Superporous adj hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 14:26
S72	8	((Superporous adj hydrogel) sph) same ph) and S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 10:50
S73	105	((swell swelling absorbtion) near rate) same hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 11:01
S74	1	S73 and (intervertebral )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 11:02
S75	273	((swell swelling absorbtion absorption) near2 rate) same hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 11:05
S76	8	S75 and (intervertebral )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 11:02

## EAST Search History

S77	27	(((swell swelling absorbtion absorption) near2 rate) near2 (greater larger increased increasing)) same hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 13:55
S78	2	("6783546").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/17 13:54